

MODIS Level-1A Radiance Counts

Product Description

This Level 1A data set contains counts for 36 MODIS channels, along with raw instrument engineering and spacecraft ancillary data. The Level-1A data are used as input for geolocation, calibration, and processing. Quality indicators are added to the data to indicate missing or bad pixels and instrument modes. Visible, SWIR, and NIR measurements are made during daytime only, while radiances for TIR are measured during both the day and the night portions of the orbit. This product includes all MODIS data in digitized (counts) form for all bands, all spatial resolutions, all time tags (converted), all detector views (Earth, solar diffuser, SRCA, black body, and space view), and all engineering and ancillary data.

MOD 01 PRODUCT SUMMARY

Coverage:

global, daily (daytime and nighttime)

Resolution:

0.25, 0.5, and 1 km

Wavelengths:

20 channels 0.4-3.0 μm , 16 channels
3-15 μm

Product Type:

standard, at-launch

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